

To: Robin, George[Robin.George@epa.gov]
From: George Robin
Sent: Wed 7/30/2014 7:56:09 PM
Subject: Fw: Re:(H-W work) CA Aquifer Exemptions

----- Forwarded by George Robin/R9/USEPA/US on 07/30/2014 12:56 PM -----

From: George Robin/R9/USEPA/US
To: Kate Rao/R9/USEPA/US@EPA,
Cc: David Albright/R9/USEPA/US@EPA
Date: 03/28/2012 01:18 PM
Subject: Re:(H-W work) CA Aquifer Exemptions

Kate,

Jim is accurate on this.

It appears that the Ca. DOGGR staff will be the ones who do the GIS mapping task.

The question is what to map. Region 9 has that to determine/interpret, which I frankly described and discussed with Jim, outlining the situation since before 1983 to the present.

- I like Jim's prioritizing fields option because Region 9 has three UIC permits that will be affected by our determination, and subsequently the queue that DOGGR maps/delineates them. The DOGGR may have their own prioritization listing and reasoning too which would conceivably add to the total list.
- The larger bulk of the work (the total statewide delineation mapping) is being considered where a quality/accuracy oriented review would be an item we might want help.

George

▼ "Jim Walker" ---03/28/2012 12:08:09 PM---Hi, George and I discussed this issue in a conference call on Monday, March 26. Reviewing all of t

From: "Jim Walker" <jameswalker5@msn.com>
To: "Mark Nelson" <mnelson@horsleywitten.com>, Kate Rao/R9/USEPA/US@EPA
Cc: George Robin/R9/USEPA/US@EPA
Date: 03/28/2012 12:08 PM
Subject: Re: CA Aquifer Exemptions

Hi,

George and I discussed this issue in a conference call on Monday, March 26. Reviewing all of the aquifer exemptions in CA would be a fairly massive undertaking since essentially all of the oil and gas producing fields and pools and 65 nonhydrocarbon bearing aquifers in CA are

exempted under EPA approval of the Primacy Application. I suggest a review of the information that CDOGGR may develop in that regard and select a few high priority exempted aquifers/fields for an independent review by EPA with HWG and my support. I am available to provide any support that would be helpful.

Jim

From: [Mark Nelson](#)

Sent: Wednesday, March 28, 2012 12:26 PM

To: [Kate Rao](#) ; [Jim Walker](#)

Subject: CA Aquifer Exemptions

I mentioned to both of you earlier this week that a few years ago HW had conducted some GIS mapping of aquifer exemptions and I assumed it included existing exemptions in California at the time primacy was granted to the state. Just to close the loop, I dug up our mapping data and we did not map any exemptions in CA. Apparently the issue was complex enough in CA that we didn't have the budget at that time to delve into it.

I was hoping this may help Jim and George as they evaluated current exemption issues in CA, but, sorry to say, that won't be the case.

Oh well...

Mark

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